



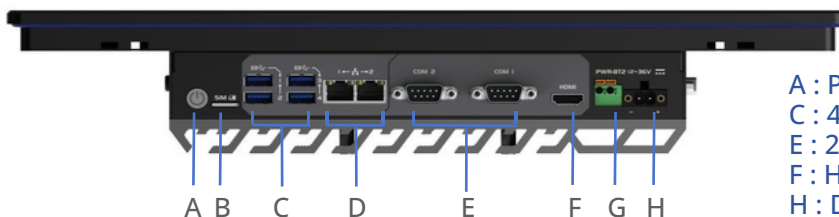
Features

- 15.6-inch LED backlight display, resolution 1920x1080
- Optional capacitive/resistive touch screen, supports 10-point touch
- Optional Intel® Baytrail / Elkhart Lake / Alder Lake-U platform
- 2 x 1000Mbps ethernet port or 4 x ethernet port
- Supports 2 x RS232/422/485 interfaces with surge protection
- DC 12-36V wide voltage input, supports RVP/SCP/OVP/OCV



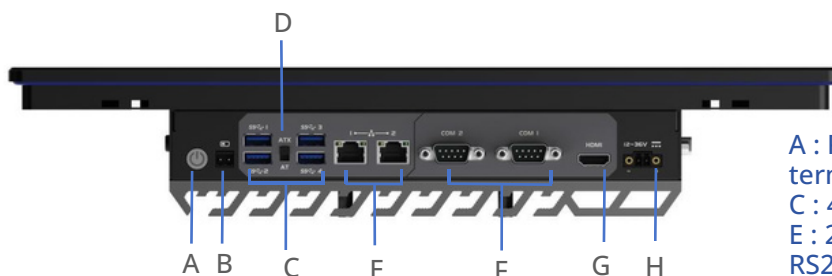
■ Product View

Computing module 1



- A : Power switch B : SIM card slot
C : 4xUSB3.0 D : RJ45x2
E : 2xCOM, optional RS232/422/485
F : HDMI G : Remote switch terminal
H : DC IN

Computing module 2

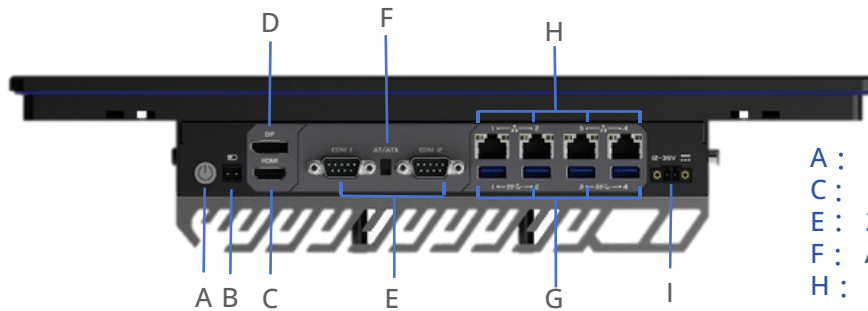


- A : Power switch B : Remote switch terminal
C : 4xUSB3.0 D : ATX/AT switch
E : 2xRJ45 F : 2xCOM, optional RS232/422/485
G : HDMI H : DC IN

SDC-156

Intel® Elkhart Lake / Alder Lake-U/H110
Open Frame Data Visualization System

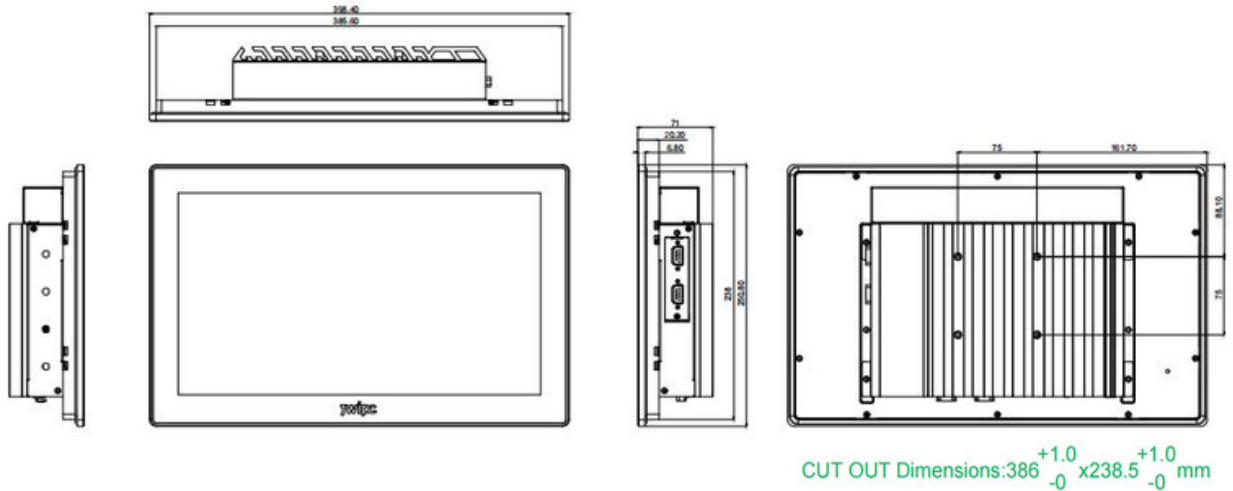
Computing module 3&4



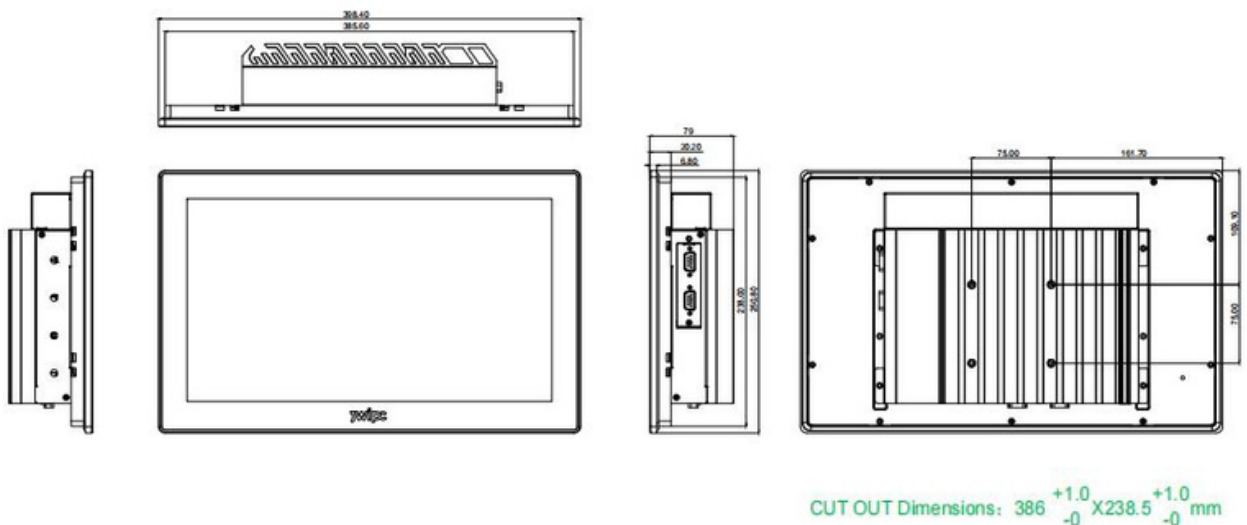
A : Power button B : remote switch
C : HDMI D : DP
E : 2xCOM, optional: RS232/422/485
F : ATX/AT G : 4xUSB3.0
H : 4x RJ45 I : DC IN

■ Dimensions

With computing module 1 & 2



With computing modules 3 & 4



Module	Module	Module One	Module Two	Module Three			ModuleFour
Processor	CPU	Intel® Celeron® J6412 4/4	Intel® Celeron® J6412 4/4	Intel® Core™ i3-1215U 2P+4E 1.2 GHz	Intel® Core™ i5-1235U 2P+8E 10.5W	Intel® Core™ i7-1255U 2P+8E 17.7 GHz	Intel® Core™ 6/7/8/9代 i7/i5/i3 and Pentium® / Celeron® LGA1151 type CPU. Max.65W TDP
	Cores /Total Threads	2.00GHz	2.00GHz	4.4 GHz	4.4 GHz	4.4 GHz	
	Base Frequency			1 x SO-DIMM DDR5-4800 Max. 32GB			
	Turbo Frequency	2.42 GHz 2	2.60 GHz		4.4 GHz	4.8 GHz	
	Smart Cache	10W	1.5		12	12	
	TDP	1 x SO-DIMM DDR3L-1333, Max. 8GB	10W	1 x SO-DIMM DDR4-3200, Max. 32GB	15W	15W	
Memory	Memory Solt						1 x SO-DIMM DDR4-3200, Max. 32GB
Storage	Storage	1 x M.2 2242/2280 SATA interface 1 x 7+15Pin SATA3.0 interface		1 x M.2 2242/2280 Nvme interface1 x 7+15Pin SATA3.0 interface			1 x M.2 2242/2280 SATA 1 x 7+15Pin SATA3.0 interface
I/O Interface	Network(LAN)	1 x Intel 2 x Intel I210ATI210AT, 1 x Intel I226-v		3 x intel I226-V,1 x Intel I210AT (POE is optional)			
	I/O Interface	2 x optional RS232/422/485,2x optional RS232/422/485,4xUSB3.0,1x SIM slot,1 x remote switch	2 x optional RS232/422/485,4xUSB3.0,1x remote switch	2 x optional RS232/422/485,4xUSB3.2,2x isolation RS232 (optional) ,1x remote switch			
	Display Interface	1 x HDMI1.4b		1 x HDMI1.4b,1 x DP1.2			
	Expansion Slot	1 x M.2 Key E 2230 slot, Support WIFI 6 Module; 1 x M.2 Key B 3052/3042 hours, Support 4G/5G Module					
LCD Display	Aspect Ratio	16:9					
	Resolution	1920x1080					
	Brightness (nits)	300 cd/m2					
	Contrast Ratio	800:1					
	Backlight Lifespan	15000 hours					
Touch Screen	View Angle	85 (L), 85(R), 85 (U), 85 (D)					
	Touch Type	10-point capacitive screen					
	Transmittance	>81%(>80% for 5-Wire Resistive)					
Power	Lifespan	50 Million Times (10 Million Times for 5-Wire Resistive)					
	Power Input	DC 12-36V, Support RVP/SCP/OVP/OCp					
Physical Parameters	Dimensions(L×W×H)	398.4mmx250.8mmx71mm (With Module Three, Height is 79mm)					
Operating System	OS	Windows 7 (Module One&Four), Windows 10, Windows 11, Linux					
Environment	Operating Temperature (OP)	0 ~ 50 °C (32~122 °F)					
	Operating Relative Humidity	95% @ 40 °C (non-condensing)					
	Storage Temperature (NOP)	-20 ~ 60 °C (-4 ~ 140 °F)					
	Shock (OP)	15g 11ms 1Grms					
	Vibration (OP)	5~500Hz 1Grms					
	EMC	CE Class A					
	IP Degree	Front Panel IP65					